

FORM PTO-1390
(REV 10-03)

US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER
05558.0018.PCUS00

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

10/500521**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**INTERNATIONAL APPLICATION NO.:
PCT/IL02/01059INTERNATIONAL FILING DATE
December 31, 2002PRIORITY DATE CLAIMED
December 31, 2001TITLE OF INVENTION
IFNAR2 MUTANTS, THEIR PRODUCTION AND USEAPPLICANT(S) FOR DO/EO/US
Gideon Schreiber

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S. 371(c)(3)).
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau.).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) (unexecuted).
10. ☐ A English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 20. below concern documents(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☒ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:
 - Paper copy of sequence listing
 - Substitute specification with markings
 - Clean version of substitute specification
 - Replacement sheets of the drawings (3 sheets)
 - Annotated marked-up copies of the amended drawings (3 sheets)

CERTIFICATE OF MAILING BY "EXPRESS MAIL"
"Express Mail" Mailing Label Number

ER 651561947 US

Date of Deposit June 30, 2004
 I hereby certify that this paper or fee is being
 deposited with the United States Postal Service
 "Express Mail Post Office to Addressee"
 Service under 37 C.F.R. § 1.10 on the date
 indicated above and is addressed to: Mail
 Stop PCT, Commissioner for Patents, P.O. Box
 1450, Alexandria, VA 22313-1450

Nathan Le

(Typed or printed name of person mailing)

Nathan Le
 (Signature of person mailing)

Best Available Copy

U.S. APPLICATION NO. (If known) 10/500521 INTERNATIONAL APPLICATION NO. PCT/IL02/01059		ATTORNEY'S DOCKET NUMBER 05558.0018..PCUS00					
21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a)(1)-(5)): <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1080.00 <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$ 920.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$ 770.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33 (1)-(4) \$ 730.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00 <div style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT</div> <div style="text-align: right;">=</div>		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td style="height: 150px; vertical-align: bottom;">\$920.00</td> <td></td> </tr> </table>		CALCULATIONS	PTO USE ONLY	\$920.00	
CALCULATIONS	PTO USE ONLY						
\$920.00							
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; text-align: right;">\$</td> <td style="width:50%;"></td> </tr> </table>		\$			
\$							
CLAIMS	NUMBER FIELD	NUMBER EXTRA	RATE				
Total claims	39 - 20 =	19	X \$18.00 -	\$ 342.00			
Independent claims	4 - 3 =	1	X \$86.00 -	\$ 86.00			
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$ 290.00-			
TOTAL OF ABOVE CALCULATIONS =				\$.00			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$			
SUBTOTAL =				\$1638.00			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$			
TOTAL NATIONAL FEE =				\$1638.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28,3.31). \$40.00 per property +				\$			
=				\$1638.00			
TOTAL FEES ENCLOSED =				\$1638.00			
				Amount to be:	\$		
				refunded			
				charged:	\$		

a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 08-3038 in the amount of **\$1638.00** to cover the above fees.
A duplicate copy of this sheet is enclosed.

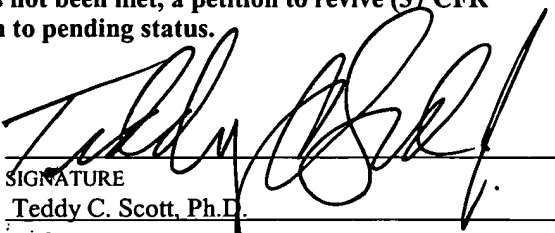
c. ☒ The Commissioner is hereby authorized to charge any additional fees which maybe required, or credit any overpayment to Deposit Account No. 08-3038. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO 2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

HOWREY SIMON ARNOLD & WHITE, LLP
 321 N. Clark Street, Suite 3400
 Chicago, IL 60610 U.S.A.
 Telephone: (312) 846-5621
 Facsimile: (312) 264-0366


 SIGNATURE
 Teddy C. Scott, Ph.D.
 53,573
 REGISTRATION NUMBER

Best Available Copy